IEEE Xplore

Welcome United States Patent and Trademark Office

::::Search Session History   BROWSE   SEARCH   IEEE XPLORE GUIDE

Edit an existing query or
compose a new query in the
Search Query Display.

**Select a search number (#)
to:**

- Add a query to the Search
  Query Display
- Combine search queries
  using AND, OR, or NOT
- Delete a search
- Run a search

Tue, 2 Aug 2005, 9:08:19 AM EST

Search Query Display

[   ]

[Run Search] [Reset]

Recent Search Queries

#1   (refractive index profile<in>metadata) <and> ((negative
        dispersi...

#2   (refractive index profile<in>metadata) <and> (wood<in>au)...

[Clear Session History]

Help   Contact Us   Privacy & :

Indexed by ·
Inspec

Dial g DataStar®

| options | logoff | feedback | help |

Advanced Search: INSPEC - 1969 to date (INZZ)

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	refractive ADJ index ADJ profile	unrestricted	1934	show titles
2	INZZ	1 AND negative ADJ dispersion	unrestricted	6	show titles
3	INZZ	wood-$.AU.	unrestricted	9654	show titles
4	INZZ	1 AND 3	unrestricted	2	show titles

hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips   ☐ Thesaurus mapping

[   ]   [whole document ▼] ⟳

Information added since: [   ] or: [none ▼]   [search]
(YYYYMMDD)

Select special search terms from the following list(s):

⦿ Publication year
⦿ Classification codes A: Physics, 0-1
⦿ Classification codes A: Physics, 2-3
⦿ Classification codes A: Physics, 4-5
⦿ Classification codes A: Physics, 6
⦿ Classification codes A: Physics, 7
⦿ Classification codes A: Physics, 8
⦿ Classification codes A: Physics, 9
⦿ Classification codes B: Electrical & Electronics, 0-5
⦿ Classification codes B: Electrical & Electronics, 6-9
⦿ Classification codes C: Computer & Control
⦿ Classification codes D: Information Technology
⦿ Classification codes E: Manufacturing & Production
   Treatment codes

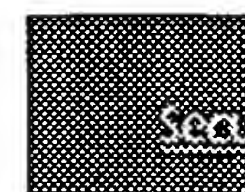INSPEC sub-file

Language of publication

Publication types

Top - News & FAQS - Dialog

© 2005 Dialog

@ip.com PriorArtDatabase

Seal

Search

- Full Text
- Concept
- Document ID
- Recent Disclosures

Publish

- Publish Disclosure

My IP.com

- Manage Account
- Prior Purchases
- Prior Disclosures
- Events
- Main Page
- Support
- Logout

Fingerprint Lookup

[Lookup]

Displaying records #1 through 7 out of 7

Result # 1   Relevance: ⬡⬡⬡⬡⬡

Wavelength stabilizing laser mirror

12-Sep-2000   IPCOM000001551D   Englisl

A high performance wavelength stabilizing laser mirror/output coupler, particularly use
stabilizing a laser cavity within a narrow bandwidth, is described, which comprises a su
selected material on which is deposited an optical coating having a refractive ...

Result # 2   Relevance: ⬡⬡⬡⬡⬡

Nonlinear optical apparatus using optical fibers

12-Sep-2000   IPCOM000000664D   Englisl

A nonlinear second order signal processing apparatus having a number of high quality
that are embedded in a nonlinear optical material in such a way that their cores are in
contact with one another and the nonlinear medium.

Result # 3   Relevance: ⬡⬡⬡⬡⬡

TRANSVERSE MODE FILTERING

1979-06-30   IPCOM000024007D   Englisl

One manner of providing transverse mode control in a double heterostructure (DH) dic
change the composition of one or more layers of the structure along the plane of the p
changing the layer composition, a lateral refractive index profile is, in ...

Result # 4   Relevance: ⬡⬡⬡⬡⬡

High Power Laser Diode with Self Adjusted Thermal Lateral Mode Cor

1992-10-01   IPCOM000110122D   Englisl

This article describes a solution to the lateral mode control problem of high power lase
using a special laser design which automatically corrects refractive index profile change
temperature gradients occurring at high output power levels.

Result # 5   Relevance: ⬡⬡⬡⬡⬡

Optical Fibers With Graded Refractive Index

1979-02-01.   IPCOM000066340D   Englisl

A process for forming optical fibers with a graded refractive index profile includes the s
applying a series of different monomolecular layers of different organic materials onto
transparent fibers. The substrate has one refractive index and each ...

Result # 6   Relevance: ⬡⬡⬡⬡⬡

INTEGRATED PRISM INPUT COUPLER

1979-06-30   IPCOM000024011D   Englisl

Coupler 10 has utility as an electro-optic modulator and waveguide. The layered struct
similar to the leaky wave diode laser of U.S. Patent 4,063,189. Layer 1 is composed of
substrate, confining layer 2 is a thin layer of Ga1 xAl As, layer 3 is a ...

Result # 7   Relevance: ⬡⬡⬡⬡⬡

Optical glass fibers, apparatus and preparation using reactive vapor t and deposition

12-Sep-2000   IPCOM000001731D   Englisl

A new method for preparing low loss multimode and monomode glass optical fibers wh casting or pouring the core and clad melts is disclosed. The new technique is based on transport approach which avoids contamination from absorbing impurities and ...

Displaying page 1 of 1   << FIRST | < BACK | NEXT > | LAST >>

Search query: refractive index profile

New search | Modify this search | Search within current results

spieDigital Library

SPIE Digital Library   Proceedings   Journals

SPIE—The International
Society for Optical Engineering

Home » Advanced Search

SEARCH DIGITAL LIBRARY

[Search]

Advanced Search

BROWSE PROCEEDINGS
⋈ **Proceedings**
  ⋈ By Year
  ⋈ By Symposium
  ⋈ By Volume No.
  ⋈ By Volume Title
  ⋈ By Technology

BROWSE JOURNALS
⋈ **Journals**
  ⋈ Optical Engineering
  ⋈ J. Electronic Imaging
  ⋈ J. Biomedical Optics
  ⋈ J. Microlithography,
     Microfabrication,
     and Microsystems

SUBSCRIPTIONS &
PRICING
⋇ **Institutions &
   Corporations**
⋇ **Personal
   subscriptions**

GENERAL INFORMATION
⋇ **About the Digital
   Library**
⋇ **Terms of Use**
⋇ **SPIE Home**

Advanced Search

[Searching Help]

Publication Type:

☑ All SPIE Papers   ☐ SPIE Journals

☑ Optical Engineering   ☑ J. Biomedical Optics

☑ J. Electronic Imaging   ☑ J. Microlith, Microfab, Microsys

☑ SPIE Proceedings

Keep default or choose another searcl

refractive index profile		**in**	Full Bibliographic Record
AND ▾		**in**	Abstract/Title/Keywords
AND ▾		**in**	Author

Results Sorting Options   **Results per Page**   **Threshold**
Relevance Order ▾   25 ▾   All ▾

[Search]   [Reset]   Search Tips & Examples

The following options may be used to enhance your search query & results list.

Publication Date Range

Month ▾ Day ▾ Year ▾   **through**   Month ▾ Day ▾ Year

Volume/Issue Range

From: Vol. [ ] Iss. [ ]   **To:** Vol. [ ] Iss. [ ]

[Search]   [Reset]   Search Tips & Examples

TIPS & EXAMPLES	
Searching for . . .	**Returns records containing:**
perturbation	any word for which *perturb* is the stem, such as "perturbs", "perturbing", "perturbation", etc.

Muller	*Muller* or *Müller* but not *Mueller* (use **Mu*ller** for all three)
de Vega, Hector J	any single or multi-part last name preceding the comma
"68.65.+g"	exactly the quoted string.
((symmetry or quantum) and electro*)	the specified Boolean combination.
If you're looking for . . .	**Enter:**
names or terms containing accented characters like "Schrödinger" or "Houzé" . . .	the names or terms using the unaccented version of the character, i.e., "Schrodinger" or "Houze." (Do not cut and paste accented characters directly from HTML or your computer's character mapping tool.)

[More Examples...]   [Top of Page]

home | proceedings | journals

Terms of Use | Privacy Policy | Contact

© 1994 – 2005   The International Society for Optical Engineering

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	900	385/124.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:32
L2	35	(US-20020012510-$ or US-20020015569-$ or US-20020028051-$ or US-20030021561-$ or US-20030021563-$ or US-20030059186-$ or US-20030063875-$ or US-20030063881-$ or US-20030091309-$ or US-20030142941-$ or US-20030147612-$ or US-20030210876-$ or US-20040052486-$ or US-20040213513-$ or US-20040218881-$ or US-20050013571-$).did. or (US-5448674-$ or US-5659649-$ or US-5809196-$ or US-6031956-$ or US-6317552-$ or US-6343176-$ or US-6360045-$ or US-6418256-$ or US-6445864-$ or US-6453102-$ or US-6546178-$ or US-6731848-$ or US-6801699-$).did. or (EP-598554-$ or WO-2069005-$).did. or (WO-200159496-$ or WO-200269005-$ or WO-2003005083-$ or US-20030063881-$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/08/02 08:53
L3	2	(("6810185") or ("6711333")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/02 08:53
L4	2	(("20020012510") or ("20030174981")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/02 08:53

L5	15	US-4715679-$.DID. OR US-4877304-$.DID. OR US-5361319-$.DID. OR US-5483612-$.DID. OR US-5684909-$.DID. OR US-5781684-$.DID. OR US-5835655-$.DID. OR US-5999679-$.DID. OR US-6031956-$.DID. OR US-6134367-$.DID. OR US-6317552-$.DID. OR US-6424778-$.DID. OR US-6430346-$.DID. OR US-6430347-$.DID. OR US-6445864-$.DID.	USPAT	OR	OFF	2005/08/02 08:53
L6	3	(("20030021563") or ("20030147612") or ("20020012510")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/02 08:53
L7	845	(dispersion with compensat$4 with (fiber$1 or fibre$1)) and (refractive with index with profile$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/02 08:53
L8	768	L1 not (L7 L2 L3 L4 L5 L6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:33
L9	4876	385/123,125,126,127,128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:32
L10	1150	L9 and (((refractive or refraction) near2 index near2 profile) or (index adj profile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:33
L11	4086	L9 not (L7 L2 L3 L4 L5 L6 L8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:33

L12	34	L11 and ((negative adj dispersion) with ("1550" or "1.55"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:34
L15	54	((dispersion near2 compensat$4 near2 (fiber or waveguide)) and (index with profile)).clm.	US-PGPUB	OR	ON	2005/08/02 09:50
S1	2	(("6810185") or ("6711333")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:04
S2	2	(("20020012510") or ("20030174981")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:38
S4	15	US-4715679-$.DID. OR US-4877304-$.DID. OR US-5361319-$.DID. OR US-5483612-$.DID. OR US-5684909-$.DID. OR US-5781684-$.DID. OR US-5835655-$.DID. OR US-5999679-$.DID. OR US-6031956-$.DID. OR US-6134367-$.DID. OR US-6317552-$.DID. OR US-6424778-$.DID. OR US-6430346-$.DID. OR US-6430347-$.DID. OR US-6445864-$.DID.	USPAT	OR	OFF	2005/01/26 17:05
S5	49	("4715679" | "4770492" | "4852968" | "5363463").PN. OR ("5684909").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/26 17:30
S6	0	(("2003021563") or ("2003147612") or ("2002012510")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:38
S7	3	(("20030021563") or ("20030147612") or ("20020012510")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/26 17:38
S8	1938	(dispersion with compensat$4 with (fiber$1 or fibre$1)) and (refractive with index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:24
S9	755	(dispersion with compensat$4 with (fiber$1 or fibre$1)) and (refractive with index with profile$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:24

S10	0	"WO" near2 "0171391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:31
S11	0	"WO" near2 "01&71391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:31
S12	4	"WO" near2 "01/71391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 08:31
S13	0	("2005/0013571").URPN.	USPAT	OR	OFF	2005/01/27 09:56